

<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<i>Complete if Known</i>	
				Application Number	10/823,784
				Nat. Phase Filing Date	April 14, 2004
				First Named Inventor	Uhlmann
				Group Art Unit	1634
				Examiner Name	Amanda m. Shaw
Sheet	1	of	1	Attorney Docket Number	3035-101
<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
as		Uhlmann et al., "Evaluation of a potential epigenetic biomarker by quantitative methyl-single nucleotide polymorphism analysis," Electrophoresis 23, pp. 4072-4079 (Dec. 2002)			
↓		Uhlmann et al., "Evaluation of a potential epigenetic biomarker by quantitative SNP analysis of bisulfite treated DNA," Poster presented at Human Genom Meeting (HGM) in Shanghai (April 17, 2002).			
↓		Uhlmann et al., "Evaluation of a potential epigenetic biomarker by quantitative SNP analysis of bisulfite treated DNA," Abstract published in conjunction with the Human Genom Meeting (HGM) in Shanghai (April 14-17, 2002).			
Examiner Signature	Amanda Shaw			Date Considered	3/8/06

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1

of 3

## Complete if Known

Application Number	10/823,784
Filing Date	April 14, 2004
First Named Inventor	Karen UHLMANN et al
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	UHLMANN =1A

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
AS	AA	ANTHONY, et al, "Mutation and methylation analysis of the transforming growth factor $\beta$ receptor II gene in polycythaemia vera", British Journal of Haematology. (2001) 115:872-880.	
	AB	BALOG, et al, "Parallel assessment of CpG methylation by two-color hybridization with oligonucleotide arrays", Analytical Biochemistry (20020) 309:301-310.	
	AC	BAUMER, et al, "A novel MSP/DHPLC method for the investigation of the methylation status of imprinted genes enables the molecular detection of low cell mosaisms", Human Mutation (2001), 17:423-430.	
	AD	BIRD, Adrian and Edwin Southern, "Use of restriction enzymes to study Eukaryotic DNA methylation: I. The methylation pattern in ribosomal DNA from <i>Xenopus laevis</i> ", J. Mol. Biol. (1978) 111:27-47.	
	AE	CEDER, et al, "Direct detection of methylation cytosine in DNA by use of the restriction enzyme MspI", Nucleic Acids Research (1979) 6(6):2125-2132.	
	AF	CHURCH, George. and Walter Gilbert, "Genomic sequencing", Proc. Natl. Acad. Sci. USA (April 1984), 81:1991-1995.	
	AG	DAHL, Christina and Per Guldberg, "DNA methylation analysis techniques", Biogerontology (2003), 4:233-250.	
	AH	DENG, et al, "Simultaneous detection of CpG methylation and single nucleotide polymorphism by denaturing high performance liquid chromatography", Nucleic Acids Research. (2002). 30(3):e13, (6pages).	
	AI	FRITZSCHE, et al, "The use of permanganate as a sequencing identification fo 5-methylcytosine residues in DNA", Nucleic Acids Research (1987). 15(14):5517-5528.	
	AJ	FRAGA, Mario and Manel Esteller, "DNA methylation: A profile of methods and applications", BioTechniques (September 2002). 33:632-649.	
	AK	FROMMER, et al, "A genomic sequencing protocol that yields a positive display of 5-methylcytosine residues in individual DNA strands", Proc. Natl. Acad. Sci. USA (March 1992), 89:1827-1831.	
	AL	FUKUHARA, et al, "Use of the polymerase chain reaction to detect hypermethylation in the calcitonin gene. A new, sensitive approach to monitor tumor cells in acute myelogenous leukemia", Leukemia Research. (1992). 16(10):1031-1040.	

Examiner  
Signature

Amanda Shaw

Date  
Considered

2/22/06

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2

of 3

**Complete if Known**

Application Number	10/823,784
Filing Date	April 14, 2004
First Named Inventor	Karen UHLMANN et al
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	UHLMANN =1A

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
AK	AM	EADS, et al, "MethyLight: a high-throughput assay to measure DNA methylation", Nucleic Acids Research. (2000). 28(8):e32:l-viii.	
	AN	EL-MAARRI, et al, "A rapid quantitative, non-radioactive bisulfite-SnuPE-IP RP HPLC assay for methylation analysis at specific CpG sites", Nucleic Acids Research (2002). 30(6):e2584 pages).	
	AO	HEISKANEN, et al, "A novel methods to quantitate methylation of specific genomic regions", PCR Methods and Applications ((1994). 4:26-30.	
	AP	HERMAN, et al, "Methylation-specific PCR: A novel PCR assay for methylation status of CpG Islands", Proc. Natl. Acad. Sci. USA. (1996). 93:9821-9826.	
	AQ	GONALGO, M.L. and P. Jones, "Rapid quantitation of methylation differences at specific sites using methylation-sensitive single nucleotide primer extension (Ms-SnuPE)", Nucleic Acids Research. (1997). 25:2529-2531.	
	AR	LAIRD, Peter, "The power and the promise of DNA methylation markers", Cancer. (April 2003). 3:253-250.	
	AS	MARTIN, et al, "An analytical method for the detection of methylation differences at specific chromosomal loci using primer extension and ion pair reverse phase HPLC", Human Mutation. (2002). 20:305-311.	
	AT	McGREW, Michael, and Nadia Rosenthal, "Quantitation of genomic methylation using ligation-mediated PCR", BioTechniques. (1993). 15(4):722-729.	
	AU	OHMORI, et al, "Detection of 5-methylcytosine in DNA sequence", Nucleic Acids Research. (1978). 5(5):1479-1484.	
	AV	PAUL, Cheryl, and Susan Clark, "Cytosine methylation: Quantitation by automated genomic sequencing and GENESCAN <sup>TM</sup> analysis", BioTechniques. (1998). 21(1):126-133.	
	AW	PFEIFER, et al, "Genomic sequencing and methylation analysis by ligation mediated PCR", Science. (1989). 246:810-812.	
V	AX	POGRIBNY, et al, "A sensitive new method for rapid detection of abnormal methylation patterns in global DNA and within CpG islands", Biochemical and Biophysical Research Communications. (1999). 262:624-628.	

Examiner  
Signature

Amanda Shaw

Date  
Considered

2/22/06

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1448A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		Complete If Known	
		Application Number	10/823,784
		Filing Date	April 14, 2004
		First Named Inventor	Karen UHLMANN et al
		Group Art Unit	1645
		Examiner Name	
Sheet 3	of 3	Attorney Docket Number	UHLMANN =1A

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
JS	AY	BURRI, Nathalie, and Pascal Chaubert, "Complex methylation patterns analyzed by single-strand conformation polymorphism", BioTechniques. (1999). 26(2):232-234.	
	AZ	REIN, et al, "Identifying 5-methylcytosine and related modifications in DNA genomes". Nucleic Acids Research. (1998). 26(10):2255-2264.	
	BA	SADRI, Ramin, and Peter Homsby, "Rapid analysis of DNA methylation using new restriction enzyme sites created by bisulfite modification", Nucleic Acids Research. (1996). 24(24):5058-5059.	
	BB	SANO, et al, "Identification of 5-methylcytosine in DNA fragments immobilized on nitrocellulose paper", Proc. Natl. Acad. Sci. USA. (June 4 1980). 77(6):3581-3585.	
	BC	STEIGERWALD, et al, "Ligation-mediated PCR improves the sensitivity of methylation analysis by restriction enzymes and detection of specific DNA strand breaks", Nucleic Acids Research. (1990). 18(6):1435-1439.	
	BD	WAALWIJK, C., and R.A. Flavell, "DNA methylation at a CCGG sequence in the large intron of the rabbit $\beta$ -globin: Tissue-specific variations", Nucleic Acids Research. (December 1978). 5(12):4631-4641.	
	BE	WILSON, et al, "Genomic 5-methylcytosine determination by <sup>32</sup> P-postlabeling analysis", Analytical Biochemistry. (1986). 152:275-284.	
	BF	XIONG, Zhenggang, and eter Laird, "COBRA: A sensitive and quantitative DNA methylation assay", Nucleic Acids Research. (1997). 25(12):2532-2534.	
	BG	YAN, et al, "Dissecting complex epigenetic alterations in breast cancer using CpG island microarrays", Cancer Research. (December 1, 2001). 61:8375-8380.	

Examiner Signature	Amanah Ghew	Date Considered	2/22/06
-----------------------	-------------	--------------------	---------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.